## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE   |
|---------------------------|----------|--------|--------|
|                           |          |        |        |
| FEE DETERMINATION         |          |        |        |
| O.I.P.E. CLASSIFIER       |          |        |        |
| FORMALITY REVIEW          |          |        |        |
| RESPONSE FORMALITY REVIEW |          |        |        |
|                           | SA       | 639669 | 7-5-01 |

## INDEX OF CLAIMS

| ٠.  | ٠.    |         |    |          |        |          |     |                |          |          |          |          |    |            | 1        | ND | EX       | Ó  | F        | CL.      | Alf      | /S   |          |          |        |     | ′        | C.,      | •        |          |                |    |          |          |          |          |          |  |
|-----|-------|---------|----|----------|--------|----------|-----|----------------|----------|----------|----------|----------|----|------------|----------|----|----------|----|----------|----------|----------|--|----------|----------|--------|-----|----------|----------|----------|----------|----------------|----|----------|----------|----------|----------|----------|--|
|     |       |         | t  | =        |        |          |     |                |          |          | ime      | Rejected |    |            |          |    |          |    | N        |          |          |  |          |          |        |     |          |          |          |          |                |    |          |          |          |          |          |  |
|     |       |         | .  | 13       |        |          | ÷   |                |          |          |          |          |    | Restricted |          |    |          |    |          | Ų        |          |  |          |          |        |     |          |          |          |          |                |    |          |          |          |          |          |  |
| 1   | Cia   | lm      | i+ | œ        | ١-     | _        | Dat | ate            |          |          |          |          |    |            | Claim    |    |          |    |          | Dat      | e        |  |          |          |        |     | Cla      | im       | _        | Date     |                |    |          |          |          |          |          |  |
| 1   |       | le le   | 6  | A        |        |          | П   |                |          |          |          |          |    |            | 1        |    |          |    |          |          |          |  |          |          |        | - 1 | _        | Original |          |          |                |    |          |          |          |          |          |  |
|     | Finai | Juginal | 25 | Ų        | 1      |          |     |                |          |          |          |          |    | Final      | Original |    |          |    |          |          |          |  |          |          |        |     | Final    | 튑        |          |          |                |    |          | Ы        |          |          |          |  |
| 1   | . (   | ٦       | e  | Ė        | E      |          |     |                |          |          |          |          |    | ٦          | 5        | 1  |          | ŀ  | П        |          |          |  |          |          |        | - [ |          | 101      |          |          |                |    |          |          |          |          |          |  |
| Ė   |       | Ĭ       | И  | -        |        |          | 7   |                |          |          |          |          |    |            | 5        |    | _        |    | ٠,       |          | -        | _  | _        |          |        | -   |          | 102      | L.       |          | ļ.,            |    | Ĥ        | Н        | -        | -        | -        |  |
|     |       | Ľ       | )= |          | L      | Н        |     |                |          |          |          |          |    | $\vdash$   | 5        |    | ļ.,      | Ŀ  |          | _        |          | -  | _        | H        | -      | -   |          | 104      | -        | H        | -              | ÷  | -        | Н        |          | Н        | -        |  |
| 1   | -     | f       | 2  |          |        |          |     |                | - 2      | -        | -        | 5        |    | H          | 5        |    | -        | -  | . 1      | Н        | -        | _  |          |          |        | ı   |          | 106      | Ť.       |          |                |    |          |          | П        |          |          |  |
| _   | ÷     | F       | Ē  | F        |        | П        | Ξ   |                | ł        |          |          |          |    | Ė          | 5        |    |          |    |          |          |          |  |          |          |        | - [ |          | 106      | Ļ        |          |                |    |          |          |          |          |          |  |
| 1   | _(    | V       | ٥. | H        |        |          |     |                |          |          |          |          |    | F          | 5        |    | L        |    | _        | Н        |          | _  | _        | Ŀ        | Н      | - 1 |          | 107      | -        | -        |                |    |          |          | -        | -        | _        |  |
| ٦   | _     |         | 14 | ¥        | 1      | Н        | -   | -              | -        | L        | <u> </u> | H        |    | H          | 5        |    | -        | H  | _        | Н        | $\dashv$ | -  | $\vdash$ | -        | Н      | ł   |          | 109      | H        | -        | -              |    |          | H        | Н        | H        | г        |  |
| 1   | تن    | 9       | Н  | ╫        | ┝      | ┝        | ٠.  | H              | H        | $\vdash$ | -        |          | 1  | H          | 6        |    | -        |    |          |          |          | -  |          | М        | H      | .   | -        | 110      |          | -        |                |    |          |          |          |          |          |  |
| d   |       | 11      | П  | V        | ✝      | $\vdash$ |     |                |          |          |          |          |    |            | 6        |    |          |    | i        |          |          |  |          | П        |        | [   |          | 111      |          | Ľ        |                |    | Ш        | П        | Ш        | Ŀ        | $\vdash$ |  |
| 냭   | . !   | (2)     |    | Ξ        | Г      |          |     |                |          | L        | Ц        |          |    |            | 6        | 3  |          |    | -        | Ĺ        | L        | _  | _        | Н        | Н      | ŀ   |          | 112      | 1        | -        |                | -  | -        | Н        | -        | -        | H        |  |
| 1   | _     | 14      |    | 11       | ╄      | H        | Н   | -              | ŀ        | ÷        | H        | ļ.       |    | $\vdash$   | 6        |    | -        |    | Н        |          |          | -  | -        |          | Н      |     |          | 114      | H        | H        | Н              |    |          | Н        | Ħ.       | -        | г        |  |
| :-  |       | 15      |    | ŧ        | +      | -        |     | -              | -        | -        | -        | -        |    | H          | 6        |    | -        | -  |          | H        | Н        |  |          |          |        | Ì   |          | 115      |          |          |                |    |          | 2        |          |          |          |  |
| ᅥ   | •     | 16      |    | Ť        |        |          | Ī   |                | L        |          |          |          |    |            | 6        |    |          |    |          |          |          |  |          |          |        |     |          | 116      | L        | Ŀ        | L              |    |          | ш        | ٠,-      | Н        |          |  |
| . [ | -     | 17      |    | Ļ        | L      |          |     | _              | _        | _        | <u>_</u> |          |    | L          | 6        |    | <u> </u> | H  | H        |          |          | -1-  |          | _        | Н      | ŀ   |          | 117      | -        | ⊢        | ŀ              | _  | Н        | $\vdash$ | -        | Н        | H        |  |
| ı   | Ŀ     | 18      |    | ⊢        | ╀      | H        | -   | H              | ├-       | H        | H        | -        |    | -          | . 6      |    | $\vdash$ | -  | H        |          | Н        | -  | -        |          | Н      | 1   |          | 119      | -        | 1        | H              | -  | Н        |          | į.       | H        | _        |  |
| ŀ   | Ļ     | 20      |    | -        | ╁      | -        |     | -              | Н        | H        | -        | H        |    | -          | 7        |    | -        | -  |          |          | _        |  |          |          | П      | ı   |          | 120      |          |          |                | T  | П        | П        | Г        | _        | Г        |  |
| ł   |       | 21      |    | t        | t      | 1        |     | Ė              | -        | -        | -        | -        |    |            | 7        |    |          |    |          | П        |          |  | -        |          |        | 1   |          | 121      |          |          |                |    |          |          | Γ        |          | ⊏        |  |
| -[  |       | 22      |    |          |        | ŀ        |     |                |          |          |          |          | ŀ  | E          |          | 2  | Ę        |    | Ľ        | - 1      |          | _  | Ц        |          |        |     |          | 122      | Ŀ        | Ŀ        | L              | L  |          | $\vdash$ | H        | -        | -        |  |
| 1   | _     | 23      |    | 1-       | L      | 1        | ļ   | ļ              | -        | L        | L        | ⊢        | 1  | H          |          | 3  | -        | H  | H        | -        | Н        | -  | H        | H        | Н      |     |          | 124      | -        | -        | <del>ا</del> ن | -  | -        | Н        | ÷        | Н        | -        |  |
| ŀ   | ÷     | 25      |    | +        | ╁      | ⊢        | ⊢   | -              | -        | ⊢        | -        | ŀ        | ١. | -          |          | 5  | -        | -  |          | Н        | -        | -  |          | H        | Н      | ı   |          | 125      |          | H        | H              | Н  |          | П        | Г        | H        | Г        |  |
| ŀ   | -     | 26      |    | ╁        | t      | 1        |     | Н              | -        | Г        |          | -        | ١. |            | 7        | 6  |          |    |          |          |          |  |          |          |        | ļ   |          | 126      |          |          |                |    |          |          | Γ.       |          | Г        |  |
| - [ |       | 27      |    |          |        |          |     |                |          |          |          |          | ]  | Е          | 17       |    |          | L  |          |          | _        | _  |          | L        | Н      |     |          | 127      | ŀ        | -        | 1              |    |          | ш        | H        |          | H        |  |
| -   |       | 28      |    | ╄-       | ╀      |          | H   | ⊢              | -        | -        | L        | Ţ,       | ŀ  | H          |          | 9  | H        | H  |          |          |          | _  | $\vdash$ | H        | H      | ŀ   |          | 129      | ╁        | ╁╴       | ⊢              |    | -        | Н        | -        | Н        | Н        |  |
| 1   |       | 30      |    | ╁        | +      | +-       | ┝   | -              | H        | H        | -        | ŀ        | ١. | ۲          |          | 0  | H        | Ė٠ | $\vdash$ | -        | -        | •  | Н        | H        | H      |     |          | 130      | ۲        | t        | t              | Г  | П        |          |          | П        |          |  |
| Ì   | -     | 3       |    | †-       | t      | T.       | -   |                |          |          |          | L        |    | Ľ          |          |    |          |    |          |          | ĮI       |  |          |          |        | - { |          | 131      |          |          |                |    |          | Ľ        | -        |          |          |  |
|     | _     | 32      |    |          | Ľ      |          |     |                |          | _        | L        | L        | ľ  | Г          |          | 2  | L        | L  |          | <u> </u> | ÷        | _  |          | Ľ.       | Н      |     | _        | 132      | <u> </u> | -        |                | ١. | H        | ⊢        | H        | H        | -        |  |
| -   |       | 34      |    | ╄        | ÷      | ┾        | -   | -              | <u> </u> | H        | H        | ŀ        | 1  | $\vdash$   |          | 3  | ┝        | -  | -        | -        | H        |  | Н        |          | Н      |     |          | 134      | ╁        | H        | H              |    | Н        |          | H        | Н        | Ė        |  |
| -   |       | 34      |    | ╁        | t      | ┼        | H   | -              | ┢        |          | ┝        | -        | 1  | H          |          | 5  | 十        | 1  |          | Н        | H        | _  | -        | -        |        |     | -        | 135      | T        | T        | r              | Г  |          |          |          |          | Г        |  |
|     |       | 36      |    | t        | ✝      | t        | Г   | r              |          | T        | L        |          | j  | Ľ          |          | 8  |          |    |          | T        |          |  |          |          |        |     |          | 136      |          | <u> </u> |                |    |          |          | Ľ        |          |          |  |
|     |       | 3       |    | T        |        |          | E   |                |          |          |          |          | ]  |            |          | 7  | L        | L  |          | L        |          | _  | Ļ        |          | L      |     | L        | 137      | $\perp$  | ┡        |                | -  | L        | ⊢        | ⊢        | ├~       | ļ.,      |  |
|     | _     | 38      |    | ŀ        | ╀      | ⊢        | ├-  | -              | -        | -        | ┞-       | ⊢        | 1  | -          |          | 18 | -        | ⊢  | H        | -        | H        |  | -        | ⊢        | -      | ,   | ┝╼       | 138      | +        | ⊢        | ╁              | ⊢  | +        |          | ⊢        | -        |          |  |
|     | -     | 40      |    | ╁        | ٠      | ╁        | ┝   | ┝              | -        | H        | ╁        | H        | 1  | $\vdash$   |          | 00 | 1        | ۲  | H        | t        | Н        |  | H        | H        | Н      |     | <u> </u> | 140      | 1        | t        | 1.             | 1  | 1        | T        | Г        | Т        | Γ        |  |
|     | -     | 4       |    | +        | +      | t        | ┢   | <del>† -</del> | t        | +        | 1-       | +        | 1  | ۲          |          | )1 | 1        | T  |          |          | Т        | -  |          | T        | П      |     |          | 141      | 1        | L        | Ľ              | L  |          |          | Г        |          | Ĺ        |  |
|     |       | 42      | :  | T        | T      | L        |     |                | Г        |          | I        | L        | 1  |            |          | )2 |          | L  |          |          |          | _  |          |          |        |     |          | 142      | Γ        | 1        | F              | L. | L        | Ľ        | Ļ        | L        | L        |  |
|     |       | 4       |    | I        | F      | F        | F   | F              | F        | F        | F        | F        | 1. | -          |          | 34 | H        | H  | L        | ŀ        | <u> </u> | <u>.                                    </u> | Ŀ        | H        | -      |     | <u> </u> | 143      | +-       | -        | +-             | ┢  | -        | H        | +-       | 1        | $\vdash$ |  |
|     | -     | 4       |    | +        | +-     | ÷        | +   | +-             | ╀        | +        | ╁        | +        | 1  | 1          |          | 34 | 1        | +  | +-       | ╁        | -        | H  | H        | -        | +      | -   | H        | 145      | +        | +        | 1              | -  | $\vdash$ | ÷        | 1        | t        | $\vdash$ |  |
|     | -     | 4       |    | +        | $^{+}$ | +        | -   | 1              | H        | +        | †        | t        | 1  | t          | 9        | 96 | 1        | L  | İ        | Ľ        | L        |  | L        | İ        | L      |     |          | 146      | T        |          | 1              | Г  |          |          |          | Γ        |          |  |
|     |       | 4       | 7. | I        | Ι      |          | L   |                |          |          | L        |          | ]  |            |          | 7  | Γ        | Γ  | L.       | L        |          |  |          | L        | $\Box$ |     |          | 147      | +        | L        | F              | Ļ  | Ļ        | ↓_       | ⊢        | Ļ.       | L        |  |
|     | L     | 4       |    | Ţ        | F      | F        | L   | Ë              | 1        | Ļ        | 1        | 1        | ŀ  | -          |          | 99 | ╀-       | -  | -        | Ŀ        | -        | -  | 1        | $\vdash$ | -      |     | -        | 148      | ╀        | +        | +              | ⊢  | ⊦        | ╁        | $\vdash$ | $\vdash$ | ⊢        |  |
|     | L     | 4       | 3  | <u>1</u> | 1      | 4        | 4-  | 1              | 1        | 4        | 1        | 1        | 1  | -          | 4        | 19 | ┺        | 1  | +-       | ŀ-       | -        | -  | ├-       | ι-       |        | ĺ   | ├        | 149      | +-       | +-       | ╀              | +- | +-       | +-       | +        | ┰        | ┝        |  |

If more than 150 claims or 10 actions staple additional sheet here

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